



IFWO

## RAW SEQUENCE LISTING

DATE: 09/02/2004

PATENT APPLICATION: US/10/810,653

TIME: 08:33:46

Input Set : N:\Crf3\RULE60\10810653.raw.txt

Output Set: N:\CRF4\09022004\J810653.raw

1 <110> APPLICANT: EISENBACH-SCHWARTZ, Michal  
 2 COHEN, Irun R.  
 3 BESERMAN, Pierre  
 4 MOSONEGO, Alon  
 5 MOALEM, Gila  
 6 <120> TITLE OF INVENTION: ACTIVATED T-CELLS, NERVOUS SYSTEM-SPECIFIC ANTIGENS AND  
 THEIR USES  
 7 <130> FILE REFERENCE: EIS-SCHWARTZ=2A  
 8 <140> CURRENT APPLICATION NUMBER: US/10/810,653  
 9 <141> CURRENT FILING DATE: 2004-03-29  
 10 <150> PRIOR APPLICATION NUMBER: US/09/893,348  
 11 <151> PRIOR FILING DATE: 2001-06-28  
 12 <150> PRIOR APPLICATION NUMBER: US 09/314,161  
 13 <151> PRIOR FILING DATE: 1999-05-19  
 14 <150> PRIOR APPLICATION NUMBER: US 09/218,277  
 15 <151> PRIOR FILING DATE: 1998-12-22  
 16 <150> PRIOR APPLICATION NUMBER: PCT/US98/14715  
 17 <151> PRIOR FILING DATE: 1998-07-21  
 18 <150> PRIOR APPLICATION NUMBER: IL 124500  
 19 <151> PRIOR FILING DATE: 1998-05-19  
 20 <160> NUMBER OF SEQ ID NOS: 29  
 21 <170> SOFTWARE: PatentIn version 3.1  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 612  
 25 <212> TYPE: DNA  
 26 <213> ORGANISM: Homo sapiens  
 27 <400> SEQUENCE: 1  
 28 ccaagaagat cccacagcag cttccgaagg cctggatgtg atggcatcac agaagagacc 60  
 29 ctcacagcga cacg gatcca agtacttggc cacagcaagt accatggacc atgcccggca 120  
 30 tggcttcctc ccaaggcaca gagacacggg catccttgac tccatcgggc gcttcttttag 180  
 31 cggtgacagg ggtgcgcccc agcggggctc tggcaaggac tcacacacaa gaactaccca 240  
 32 ctacggctcc ctgccccaga agtcgcagag gacccaagat gaaaaccag tagtccactt 300  
 33 cttcaagaac attgtgacac ctctgacacc cctccatcc caaggaaagg ggagaggcct 360  
 34 gtccctcagc agatttagct ggggaggaag agacagccgc tctggatctc ccatggcaag 420  
 35 acgctgagag cctccctgct cagccttccc gaatcctgcc ctgggttct taatataact 480  
 36 gccttaaacg tttaattcta cttgcaccaa atagctagtt agagcagacc ctctcttaat 540  
 37 cccgtggggc tgtgaacgcg gcgggccagc ccacggcacc ctgactgggt aaaaactgtt 600  
 38 gtcccttttt at 612  
 40 <210> SEQ ID NO: 2  
 41 <211> LENGTH: 2139  
 42 <212> TYPE: DNA  
 43 <213> ORGANISM: Homo sapiens  
 44 <400> SEQUENCE: 2  
 45 gaaaacagtg cagccacctc cgagagcctg gatgtgatgg cgtcacagaa gagaccctcc 60

ENTERED

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/810,653

DATE: 09/02/2004

TIME: 08:33:46

Input Set : N:\Crf3\RULE60\10810653.raw.txt

Output Set: N:\CRF4\09022004\J810653.raw

46	cagaggcagc	gatccaagta	cctggccaca	gcaagtacca	tggaccatgc	caggcatggc	120
47	ttcctcccaa	ggcacagaga	cacgggcac	cttgactcca	tcgggcgctt	ctttggcggt	180
48	gacaggggtg	cgccaaagcg	gggctctggc	aaggactcac	accaccggc	aagaactgct	240
49	cactatggct	ccctgcccc	gaagtcacac	ggccggaccc	aagatgaaaa	ccccgtagtc	300
50	cacttcttca	agaacattgt	gacgcctcgc	acaccacccc	cgtcgcaggg	aaagggggaga	360
51	ggactgtccc	tgagcagatt	tagctggggg	gccgaaggcc	agagaccagg	atttggctac	420
52	ggaggcagag	cgtccgacta	taaatcggct	cacaagggat	tcaaggagat	cgatgcccag	480
53	ggcacgcttt	ccaaaatttt	taagctggga	ggaagagata	gtcgtctctg	atcacccatg	540
54	gctagacgct	gaaaacccac	ctggttccgg	aatcctgtcc	tcagcttctt	aatataactg	600
55	ccttaaaact	ttaatccac	ttgcccctgt	tacctaatta	gagcagatga	cccctcccct	660
56	aatgcctgcg	gagttgtgca	cgtagtaggg	tcaggccacg	gcagcctacc	ggcaatttcc	720
57	ggccaacagt	taaatgagaa	catgaaaaca	gaaaacggtt	aaaactgtcc	ctttctgtgt	780
58	gaagatcacg	ttccttcccc	cgcaatgtgc	ccccagacgc	acgtgggtct	tcagggggcc	840
59	aggtgcacag	acgtccctcc	acgttcaccc	ctccaccctt	ggactttctt	ttcgccgtgg	900
60	ctcggcacc	ttgcgctttt	gctggctact	gccatggagg	cacacagctg	cagagacaga	960
61	gaggacgtgg	gcggcagaga	ggactgttga	catccaagct	tcctttgttt	tttttctctg	1020
62	tccttctctc	acctcctaaa	gtagacttca	tttttcttaa	caggattaga	cagtcaagga	1080
63	gtggcttact	acatgtggga	gctttttggt	atgtgacatg	cgggctgggc	agctgttaga	1140
64	gtccaacgtg	gggcagcaca	gagagggggc	cacctcccca	ggcctgggt	gcccacacac	1200
65	cccaattagc	tgaattcgcg	tgtggcagag	ggaggaaaag	gaggcaaacg	tgggctgggc	1260
66	aatggcctca	cataggaaac	agggcttctc	tggagatttg	gtgatggaga	tgtcaagcag	1320
67	gtggcctctg	gacgtcaccc	ttgccttgca	tgggtggccc	agagcagcct	ctatgaacaa	1380
68	cctcgtttcc	aaaccacagc	ccacagccgg	agagtccagg	aagacttgcg	cactcagagc	1440
69	agaagggtag	gagtcctcta	gacagcctcg	cagccgcgcc	agtgcgccat	agacactggc	1500
70	tgtgaccggg	cgtgctggca	gcggcagtg	acagtggcca	gcactaacc	tccttgagaa	1560
71	gataaccggc	tcattcactt	cctcccagaa	gacgcgtggt	agcgagtagg	cacaggcgtg	1620
72	cacctgctcc	cgaattactc	accgagacac	acgggctgag	cagacggccc	ctgtgatgga	1680
73	gacaaagagc	tcttctgacc	atatccttct	taacaccgcg	tggcatctcc	tttcgcgcct	1740
74	ccctccctaa	cctactgacc	caccttttga	tttttagcgca	cctgtgattg	ataggccttc	1800
75	caaagagtcc	cacgctggca	tcaccctccc	cgaggacgga	gatgaggagt	agtcagcgtg	1860
76	atgccaaaac	gcgtcttctt	aatccaattc	taattctgaa	tgtttcgtgt	gggcttaata	1920
77	ccatgtctat	taatatatag	cctcgatgat	gagagagtta	caaagaacaa	aactccagac	1980
78	acaaacctcc	aaatttttca	gcagaagcac	tctgcgtcgc	tgagctgagg	tcggctctgc	2040
79	gatccatacg	tggccgcacc	cacacagcac	gtgctgtgac	gatggctgaa	cggaaagtgt	2100
80	acactgttcc	tgaatattga	aataaaacaa	taaactttt			2139
82	<210>	SEQ ID NO: 3					
83	<211>	LENGTH: 581					
84	<212>	TYPE: DNA					
85	<213>	ORGANISM: Homo sapiens					
86	<400>	SEQUENCE: 3					
87	taatatctag	ggktttgact	ctgaccgctg	ttggggctct	cacttcatgg	cttctcacgc	60
88	ttgtgctgca	tatcccacac	caattagacc	caaggatcag	ttggaagttt	ccaggacatc	120
89	ttcattttat	ttccaccctc	aatccacatt	tcagatgtc	tctgcagcaa	agcgaaattc	180
90	caggcaagcc	ttagggaaaa	aaggaaaaac	aaagaaaatg	aaacaattgg	cagtgaagg	240
91	cagaaaagaga	agatggagcc	cttagagaag	ggagtatccc	tgagttagtg	gggaaaagg	300
92	gaggagaagg	ggaggaggag	aggaggagga	aagcaggcct	gtccctttaa	gggggttggc	360
93	tgtcaatcag	aaagcccttt	tcattgcagg	agaagaggac	aaagatactc	agagagaaaa	420
94	agtaaaagac	cgaagaagga	ggctggagag	accaggatcc	ttccagctga	acaaagtacg	480
95	ccacaaagca	gactagccag	ccggctacaa	ttggagtcag	agteccaaag	acatgggtaa	540

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/810,653

DATE: 09/02/2004

TIME: 08:33:46

Input Set : N:\Crif3\RULE60\10810653.raw.txt

Output Set: N:\CRF4\09022004\J810653.raw

```

96      gtttcaaaaa ctttagcatt gaagattcaa gaggacacag g
98 <210> SEQ ID NO: 4
99 <211> LENGTH: 1762
100 <212> TYPE: DNA
101 <213> ORGANISM: Homo sapiens
102 <400> SEQUENCE: 4
103      ctgcttttcag agcctgtgac ttcttgtgtg cctctcctgt ttctcagcaa catggcatag      60
104      ggccctgggat accaggtctg gggatctcag ggactcttag cactttaaga cacatgtgtt      120
105      cccaggecct ggtgtgttcc tctagtgcc aagagatgtt tcatgctttg ctgactttgt      180
106      ataaagtctg tttgtagctg ttttgacaga atctcagcgt ataactgagg gtggggacat      240
107      tagccaagct gcattatagg aggacaaaac tgccatacaa agtgtccaaa atcattaagc      300
108      ctgcattttt attattggga gtaatatcaa acctcctatt ttccaatttt cttttcttgt      360
109      cctgtgctag ctccatcctg tttggactgc tcctcccata tgtaaactaa gaagaatcaa      420
110      gcattctttg caacaaatac acacgatgct caaaaatgtc caggagcctc caatttccaa      480
111      agtttctctc acctggaatg ctcttcatgc taaaatcctg tctgacaata ccagcatctc      540
112      tggcctgcac tcatcccttc ctggaactcc aagtgcattt acctctgtt accacttact      600
113      tggctgcctg aattgttagt tgaaaatatt aggtctactt agctaattct tcctcaggaa      660
114      attaaagact cccatatggc agagtctgtg tcttttctct cttcatatcc cgtataacac      720
115      ccagcataat gctgggcata tagtgagtat tccataaata gttgatgaat gactaaaata      780
116      agcaagcaaa caaacagact agaacaataa gaaagaaggg actggatttc ataactcttc      840
117      tggcttgcta tttgaattgc tgaattatta ttatttatta aatatttttt aaattctggc      900
118      aataaaaggt aaggatttat tttctttctt tctttttttt tttcttgaga cagagtctcg      960
119      ctcttactgc ccaggttggg gtacaatggc gcaatcttgg ctacaggcaa cctccgcctc      1020
120      ctcttgggtt taacagattc tctgtctca gcctcctgag tagctgggat tacaggcata      1080
121      cgcccatgcc cggctaattt ttgtattttt agtagagacg gggttttgcc atgttggtcca      1140
122      ggctggctct gaactcctga cctcatgtga tccacctgcc tcagcctccc aaagtgtctg      1200
123      gattacaggg atgcccacc gtgcccggcc aaagatttat tttcaagaat gaaacaaagt      1260
124      aaggattctg ggtcaatctc acatgctgaa agccaaaacc tctagccgct cctgcttttt      1320
125      gacttcggag tgcccactat ctccgagcct gtgagcacag ggcctggcag aggggtttga      1380
126      gtggcatgag ctacctactg gatgtgcctg actgtttccc cttcttcttc cccaggcttg      1440
127      ttagagtgtc gtgcaagatg tctggtaggg gccccctttg cttccctggg gccactgga      1500
128      ttgtgtttct ttgggtggc actgttctgt ggctgtggac atgaagccct cactggcaca      1560
129      gaaaagctaa ttgagacctt ttttccaaa aactaccaag actatgagta tctcatcaat      1620
130      gtgtaagtac ctgccctccc acacagacct atcttttttt tccctctctc catcctggag      1680
131      atagagaact cttcagtacc ttagtaacta gcaggggact ggggtggagc cagaccggat      1740
132      tcccagagtct tccctctgtg ca
134 <210> SEQ ID NO: 5
135 <211> LENGTH: 828
136 <212> TYPE: DNA
137 <213> ORGANISM: Homo sapiens
138 <400> SEQUENCE: 5
139      ctagaaaatc cctagccttg ttaaggtgct cgctctgggt tatacctcac ttatgtcggg      60
140      aaagaagcca ggtcttcaat taataagatt ccttgggtct gtttgtctac ctgttaatgc      120
141      aggatccatg ccttccagta tgtcatctat ggaactgcct ctttctctct cttttatggg      180
142      gccctcctgc tggctgaggg cttctacacc accggcgag tcaggcagat ctttggcgac      240
143      tacaagacca ccatctgcgg caagggcctg agcgcaacgg taacaggggg ccagaagggg      300
144      aggggttcca gaggccaaaca tcaagctcat tctttggagc ggggtgtgtc ttgtttggga      360
145      aatggctag gacatcccg caaggtgatc atcctcagga ttttgtggca ataacaaggg      420
146      gtgggggaaa attgggcgag agtctgtggc ctgcgtccca cccaaggctg ggtcctctct      480

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/810,653

DATE: 09/02/2004

TIME: 08:33:46

Input Set : N:\Cr3\RULE60\10810653.raw.txt

Output Set: N:\CRF4\09022004\J810653.raw

```

147      aggggcctgg catttgagtg aggaagcgat ggctgcagcc gaacgagaag gtcaggaaga      540
148      acgtgggtgcc cagctggcctt agcctcacct ttcaaagggt ccctaagcaa atttcttctc      600
149      aaaacagaaa gcatgagttt tgtgggatgc tttgtacaat cagaccattt ctaagccatc      660
150      tggtgggtatc cctttgttcc ctctcagta ggtaccacaa gagtggatct aactggacaa      720
151      gagtctaaaa tgctgctcat gtgattgaga cttgggcacc tgagctraga gggaggatgg      780
152      ataataaaaa ttaaataata actccaaggt aaatttacaa tgttctgg      828
154 <210> SEQ ID NO: 6
155 <211> LENGTH: 1140
156 <212> TYPE: DNA
157 <213> ORGANISM: Homo sapiens
158 <400> SEQUENCE: 6
159      gatcctcctc attcttcccc taccatttcc cccaccctc cgttatactg gggccagtta      60
160      tctagtagat actgccatt acccttggca gaggtgccct gctcactaat tttatttggg      120
161      ggagmgccct ggaacctggg tttaatgtct ggcacacgcc acttccagga tctcccagtt      180
162      tgtgtttcta catctgcagg ctgatgctga tttctaacca acccatgtca atcatttttag      240
163      tttgtgggca tcacctatgc cctgaccggt gtgtggctcc tgggtgttgc ctgctctgct      300
164      gtgcctgtgt acatttactt caacacctgg accacctgcc agtctattgc cttccccagc      360
165      aagacctctg ccagtatagg cagtctctgt gctgatgcca gaatgtatgg tgagttaggg      420
166      tacgggtgct ttggctctcc taccactat ggaagcacta tatatttggg tattttctta      480
167      gtgtaaggag ggtggtgatt atgagaaaaa tataagatga tgaatgattg ggtcttagtt      540
168      tattaatcct tccctactga aaccagagag gtttcttccc ccggaaggga acttgaagt      600
169      ggtgggagtt ttcttggcca ttcacattgg cctactctag ttgactgctg ttcacaaccc      660
170      caaagcagca ctttcaata acaaacacaa ggtdsacca ctgttcaata ccaccttctc      720
171      ttttttgtaa acctgtagaa aagaggatcc taattgttgg tagmatccaa mtttacagcc      780
172      aggataatta gagatggaag aagggtctctg ggggaaagtc tccatgtggc ccgtaactc      840
173      cataaagctt accctgcttg ctttttgtgt cttacttagg tgttctccca tggaatgctt      900
174      tccctggcaa ggtttgtggc tccaaccttc tgtccatctg caaaacagct gaggtgagt      960
175      ggttatttgg gttattttac aaggagtag ctaataccat acaaattaca cccatggcct      1020
176      tcaattttaa ggactgaaag tttcccttgg ctggattttg aattagccga ttgccttcta      1080
177      caacatgttg gctaagtgtg cctgagccaa tgagcataga aggtaaaaca cctcttttct      1140
179 <210> SEQ ID NO: 7
180 <211> LENGTH: 295
181 <212> TYPE: DNA
182 <213> ORGANISM: Homo sapiens
183 <220> FEATURE:
184 <221> NAME/KEY: misc_feature
185 <222> LOCATION: (42)..(43)
186 <223> OTHER INFORMATION: n at positions 42 and 43 is unknown
187 <400> SEQUENCE: 7
W--> 188      aattagcaca cagaaaggat atccaacaca tacaaagctg tnntcatgga ctacactgga      60
189      gcatattact gctgttgcaa gaaacatttc ttcttctct tttcatttcc ctgcagttcc      120
190      aatgacctt ccacctgttt attgctgcat ttgtgggggc tgcagctaca ctggtttccc      180
191      tgggtgagttg actttgaatg atcttgga gtaaataggc ctgagatagt tgtgggtaca      240
192      gctattctga aaggcaagaa ggtagactgc ttccatcctt gaaatgctgg agggga      295
194 <210> SEQ ID NO: 8
195 <211> LENGTH: 2940
196 <212> TYPE: DNA
197 <213> ORGANISM: Homo sapiens
198 <400> SEQUENCE: 8

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/810,653

DATE: 09/02/2004

TIME: 08:33:46

Input Set : N:\CrF3\RULE60\10810653.raw.txt

Output Set: N:\CRF4\09022004\J810653.raw

199	aattctatat	actatcacta	tggctccact	ttggatactc	tccagtggat	ttagttactc	60
200	atatggaaat	acctgggagg	acctcctaac	attattagaa	ttgttatgat	tataatacaa	120
201	ygctatgtcc	caggtcttgc	tgatagtgtc	acagtgcctt	gtgaatgtag	tgtgctcatt	180
202	gtgcagatta	aaaacctaag	gcactgaagg	gtgaagtgat	ttatctgaag	ttatcttata	240
203	aagcagtgat	cagacaasct	gagctcacag	aactccctgg	cccctactgc	tgagggttcc	300
204	atacagagtc	aagtaatttc	tcaccttgta	aaacgaattg	attcattaac	caggggagag	360
205	ctctactgca	tgatgtggct	gtgtgtctac	agcaagcacc	ctatgactct	aagtcactcg	420
206	gacatattga	tgtggcaaag	cccaaataat	gttcacttcc	ctgaggaaaa	ctcagtgtca	480
207	gatcaaacag	aggtgtggaa	taaatcttta	tgatttgatt	ctctgggcct	gggccatgag	540
208	acccatgatg	cctcagagac	atcggacttc	cagtcaagtg	tatatggaga	aagccaagcc	600
209	tgggatgtac	tgttttttgc	agagcatggg	ttttccctt	atttagttat	gattttatct	660
210	ctacccttcc	tcattcccaa	agggatttga	ggagggagtg	ctttcttttc	tactctcatt	720
211	cacattctct	cttctgttcc	ctacagctca	ccttcattgat	tgctgccact	tacaactttg	780
212	ccgtccttaa	actcatgggc	cgaggcacca	agttctgata	ccccgtagaa	atcccccttt	840
213	ctctaatagc	gaggctctaa	ccacacagcc	tacaatgctg	cgtctcccat	cttaactctt	900
214	tgcccttgcc	accaactggc	cctcttctta	cttgatgagt	gtaacaagaa	aggagagtct	960
215	tgcagtgatt	aaggtctctc	tttggactct	cccctcttat	gtacctcttt	tagtcatttt	1020
216	gcttcatagc	tggttcctgc	tagaaatggg	aaatgcctaa	taatatgact	tcccaactgc	1080
217	aagtcacaaa	ggaatggagg	ctctaattga	attttcaagc	atctcctgag	gatcagaaag	1140
218	taattttctt	tcaaagggta	cttccactga	tggaaacaaa	gtggaaggaa	agatgctcag	1200
219	gtacagagaa	ggaatgtctt	tggctctctt	gccatctata	ggggccaaat	atattctctt	1260
220	tgggtgtacaa	aatggaattc	attctgcgtc	tctctattac	actgaagata	gaagaaaaaa	1320
221	gaatgtcaga	aaaacaataa	gagcgtttgc	ccaaatctgc	ctattgcagc	tgggagaagg	1380
222	gggtcaaagc	aaggatcttt	caccacaga	aagagagcac	tgaccccgat	ggcgatggac	1440
223	tactgaagcc	ctaactcagc	caaccttact	tacagcataa	gggagcgtag	aatctgtgta	1500
224	gacgaagggg	gcatctggcc	ttacacctcg	ttagggaaga	gaaacagggg	cttgtcagca	1560
225	tcttctcact	cccttctcct	tgataacagc	taccatgaca	accctgtggg	ttccaaggag	1620
226	ctgagaatag	aaggaaacta	gcttacatga	gaacagactg	gcctgaggag	cagcagttgc	1680
227	tgggtggctaa	tgggtgaacc	tgagatggcc	ctctggtaga	cacaggatag	ataactcttt	1740
228	ggatagcatg	tctttttttc	tgtaatttag	ttgtgtactc	tggcctctgt	cataatcttca	1800
229	caatgggtgt	catttcatgg	ggtattatcc	attcagtcac	cgtagggtgat	ttgaagggtct	1860
230	tgatttggtt	tagaatgatg	cacatttcat	gtattccagt	ttgtttatta	cttattttggg	1920
231	gttgcacag	aatgtctgg	agaataattc	tttgattatg	actgtttttt	aaactaggaa	1980
232	aattggacat	taagcatcac	aatgatatt	aaaaattggc	tagttgaatc	tattgggatt	2040
233	ttctacaagt	attctgcctt	tgcaaaaaca	gatttgggtga	atttgaatct	caatttgagt	2100
234	aatctgatcg	ttctttctag	ctaattggaaa	atgattttac	ttagcaatgt	tatcttgggtg	2160
235	tgtaagagt	taggtttaac	ataaagggtta	ttttctcctg	atatagatca	cataacagaa	2220
236	tgcaccagtc	atcagctatt	cagttggtaa	gcttccagtc	atcagctatt	cagttggtaa	2280
237	gcttcccagg	aaaaaggaca	ggcagaaaaga	gtttgagacc	tgaatagctc	ccagatttca	2340
238	gtcttttaat	gtttttgtta	actttgggtt	aaaaaaaaaa	aaagtctgat	tgggttttaat	2400
239	tgaaggaaag	atttgtacta	cagttctttt	gttgtaaaga	gttggtgttg	tcttttcccc	2460
240	caaagtgggt	tcagcaatat	ttaaggagat	gtaagagctt	tacaaaaaga	cacttgatac	2520
241	ttgttttcaa	accagtatac	aagataagct	tccaggctgc	atagaaggag	gagagggaaa	2580
242	atgttttgta	agaaaccaat	caagataaag	gacagtgaag	taatccgtac	cttgtgtttt	2640
243	gttttgattt	aataacataa	caaataacca	acccttccct	gaaaacctca	catgcataca	2700
244	tacacatata	tacacacaca	aagagagtta	atcaactgaa	agtgttccct	catttctgat	2760
245	atagaattgc	aattttaaca	cacataaagg	ataaactttt	agaaacttat	cttacaaagt	2820
246	gtattttata	aaattaaaga	aaataaaatt	aagaatgttc	tcaatcaaac	atcgtgtcct	2880
247	ttgagtgaat	tgttctatct	gacttcacaa	tagaaactta	ataatcgtac	cttctcaaga	2940

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 09/02/2004

PATENT APPLICATION: US/10/810,653

TIME: 08:33:47

Input Set : N:\Crf3\RULE60\10810653.raw.txt

Output Set: N:\CRF4\09022004\J810653.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:7; N Pos. 42,43

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 6

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/810,653

DATE: 09/02/2004

TIME: 08:33:47

Input Set : N:\Crf3\RULE60\10810653.raw.txt

Output Set: N:\CRF4\09022004\J810653.raw

L:188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0

L:734 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:17,Line#:0

L:1233 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:22,Line#:0